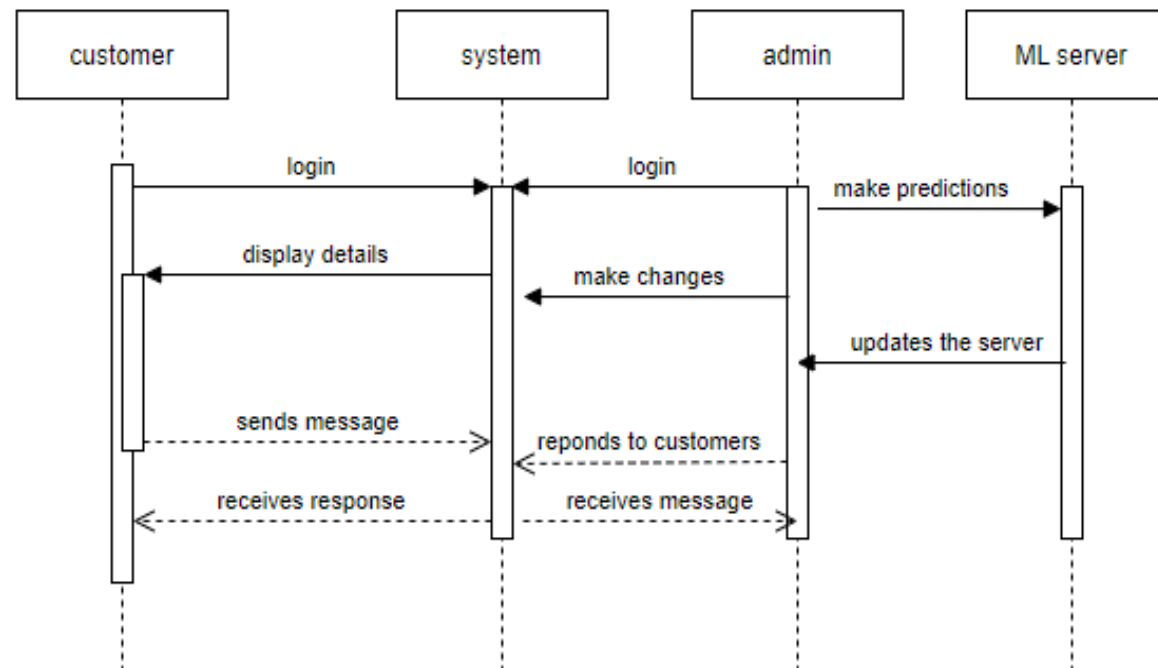
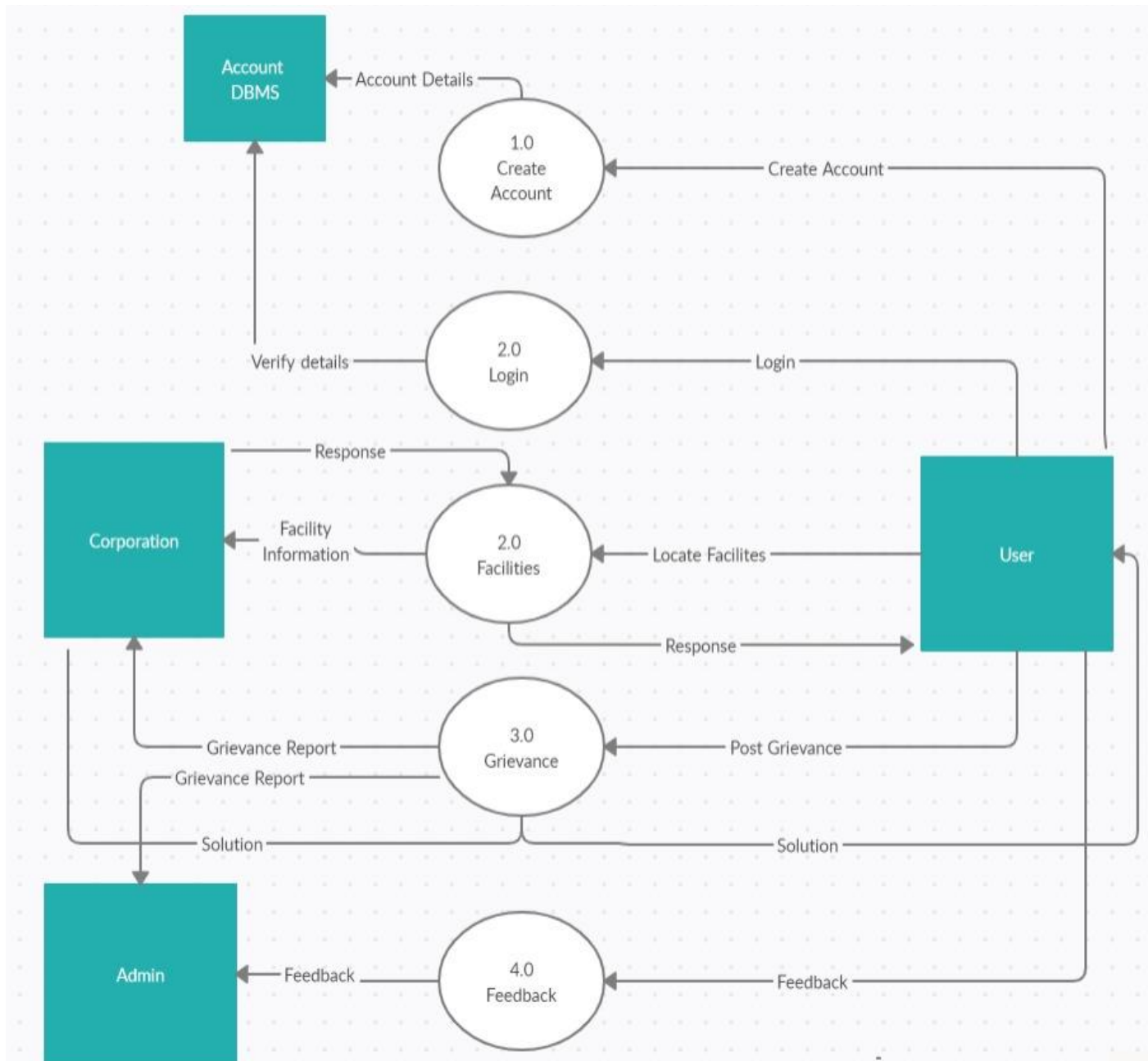


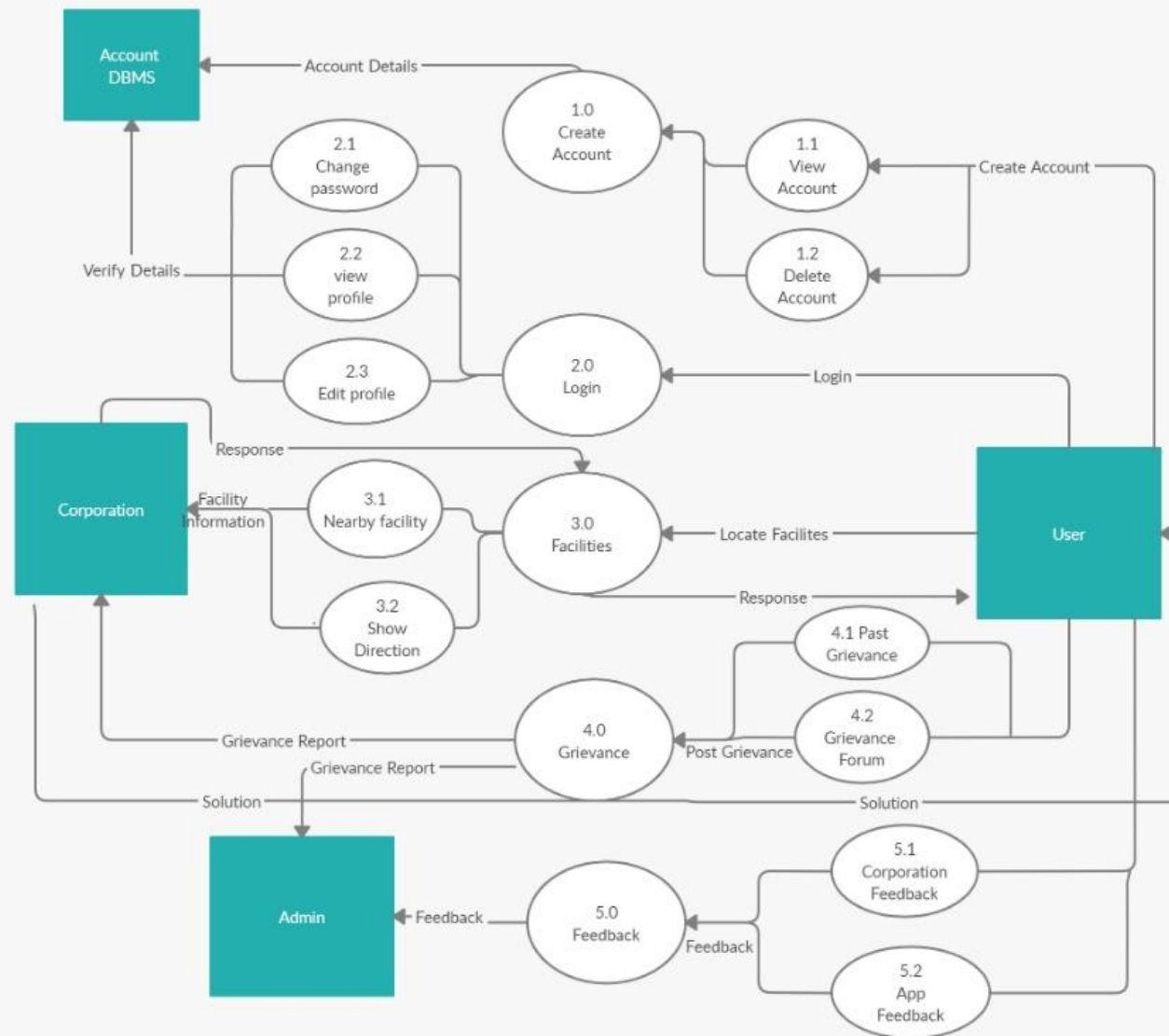
Project Design Phase-II
Data Flow Diagram & User Stories

| | |
|---------------|---|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID21469 |
| Project Name | Smart waste management system for metropolitan cities |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:







User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|------------------------|-------------------------------|-------------------|---|--|----------|----------|
| Customer (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-1 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
| | | USN-3 | As a user, I can register for the application through google & facebook. | I can register & access the dashboard with Facebook & google Login | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through Gmail | I can create new account & access it | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can access my account/dashboard | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can locate the bin | I can view the location of the bin | High | Sprint-1 |
| | | USN-7 | As a user, I can access data of the bin | I can search a bin and view all details like bin id, location, bin level | High | Sprint-1 |
| | | USN-8 | As a user, I can post queries | I can post queries that our locality face in order to overcome that | Medium | Sprint-2 |
| | | USN-9 | As a user, I can provide Feedback | I can provide feedback about the app | Medium | Sprint-2 |
| | | USN-10 | As a user, I can interact with chatbot | I can interact with chatbot for assistance | Low | Sprint-2 |
| Administrator | Dashboard | USN-11 | As a user, I can view grievance | I can view the grievance posted by the user | High | Sprint-1 |
| | | USN-12 | As a user, I get alert | I can get alert once the bin is filled | High | Sprint-1 |